

Title (en)

Method of producing a microporous, gas permeable electrode structure and a microporous, gas permeable electrode structure

Title (de)

Microporöse gasdurchlässige Elektrode und Verfahren zur Herstellung derselben

Title (fr)

Electrode microporeuse perméable au gaz et son procédé de fabrication

Publication

EP 0665303 B1 19990428 (EN)

Application

EP 94309784 A 19941223

Priority

FI 940240 A 19940118

Abstract (en)

[origin: EP0665303A1] Disclosed is a method of producing a microporous, gas permeable electrode structure e.g. for a humidity sensor. According to the method, a first slightly oxidizing microporous electrode layer e.g. Cr,Ti,Ni) (4) is formed, by means of a vacuum evaporation, on a substrate (2), using an angle (x) between the substrate (2) and evaporation source (1) smaller than 90 DEG . On the first microporous layer (4) is then formed another microporous layer (5) of nonoxidizing material e.g. Aq,An,Pt,Pd using essentially the same deposition angle (x) as in the first fabrication step. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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EP 0665303 A1 19950802; **EP 0665303 B1 19990428**; DE 69418174 D1 19990602; DE 69418174 T2 19991028; FI 940240 A0 19940118; FI 940240 A 19950719; FI 98861 B 19970515; FI 98861 C 19970825; JP 3585973 B2 20041110; JP H07260733 A 19951013; US 5607564 A 19970304

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